

24949

P/019/61/010/002/009/009
D253/D303

24,2200(1144,1147,1068)

AUTHOR:

Krzycki, Z.

TITLE:

An arrangement for measuring the ferrite resonant line in a waveguide with diaphragm

PERIODICAL:

Archiwum elektrotechniki, v. 10, no. 2, 1961,
601-605

TEXT: The author describes a very simple method of measuring the resonant line width of ferrites. The measuring arrangement consists of typical elements having no special requirements. It consists of a generator, accurate alternator, a section of a waveguide with diaphragm and of a detection circuit. A short justification of the method is given first. The author considers the coupling between two waveguides joined together by means of a diaphragm common to both; the diaphragm has at its center a small circular aperture which is filled with ferrite. The ferrite is magnetized by a constant magnetic field along the x-axis. An analysis is then made in the MKSA system of units for the steady state and harmonic time

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function of type e-jwt. The symbolic notation is used throughout. The problem is solved in the same way as it has been done by D.C. Stinson for couplers (Ref. 5: Coupling through an aperture containing an anisotropic ferrite, IRE Trans. vol. MTT-5, July 1957 184-191). It may be seen that the coupling of two waveguides connected symmetrically is proportional to $|\tilde{\mu}|$ and that of waveguides twisted with respect to each other by 90° proportional $|\tilde{k}|$. From this, follows the possibility of measurement of ferrite lines. It is especially easy to measure the resonance line width ΔH , which is defined as the limits of variation of the constant magnetic field, at which either $|\tilde{k}|$ or $|\tilde{\mu}|$ have their values $\sqrt{2}$ times less than those at resonance. It is also easy to measure the spectroscopic coefficient of diffusion g_{ef} . This coefficient is determined from the known relationship $g_{ef} = \frac{f}{1.4H_r}$, where f is the measurement

frequency in mc/s and H_r the resonance value of the magnetic field intensity in oersteds. It can be shown that the form of

$$C_{\perp} = C_0 + 20 \log |\tilde{k}|. \quad (11)$$

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An arrangement for measuring...

when it determines the coupling through a hole completely filled with ferrite does not change. Measurement is performed using the twisted system of waveguides, when coupling as a function of constant magnetic field follows the coefficient $|k|$. In the other system - the coupling does not follow $|\tilde{\mu}|$ because it is then resulting from coupling both through the ferrite and the non-filled-in portion of the hole. The results of measurement of ΔH in both systems will thus differ considerably. Only measurements with the twisted system are of value. The results are shown in tabulated form together with the results of measurements of coupling with diaphragm, the results of measurements are given as performed by the author on a hybrid coupler and with the results obtained using resonance methods as performed at the Heinrich Hertz Institut in Berlin and at the Institut fur Magnetische Werkstoffe in Jena. All samples were made of ferrites designed at IPPT-PAN. The measurements were performed using ball samples at a frequency 9300 Mc/s. The diaphragm had a thickness $t_0 = 1$ mm with a hole of $d = 3.7$ mm in diameter, placed in a waveguide with $a = 22.7$ mm, $b = 10.2$ mm. Under these conditions $C_0 = -44.1$ db. To make the influence of the

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detector characteristic negligible, an attenuator attenuated the resonance power by 3 db in the detector which was the power level of ΔH measurement. It must be added that this method can be applied to polar measurements. For this purpose additional holes were drilled in the waveguide. The author acknowledges the help of Professor, Engineer A. Smoliński. There are 3 figures, 1 table and 6 references: 3 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: H.A. Bethe, Theory of diffraction by small holes. Phys. Rev. Vol. 66, No. 7-8, October 1944, 163-182; D.C. Montgomery, Technique of microwave measurements, McGraw Hill Book Co. 1948, 862; D.C. Stinson, Coupling through an aperture containing an anisotropic ferrite. IRE Trans. Vol. MTT-5, July 1957, 184-191.

SUBMITTED: November 23, 1960

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P/019/62/011/001/007/010
D265/D302

9.4340

AUTHOR: Krzycki, Z.

TITLE: Measurement of parametric diodes in the 10 cm frequency band

PERIODICAL: Archiwum elektrotechniki, v. 11, no. 1, 1962, 174-177

TEXT: The method of measurement of the diode junction resistance at its working frequencies in the microwave range and of diode capacitance is described, and fundamental relations between the diode parameters are presented. The resistance and capacitance of the diode junction are obtained from measurement of its impedance which is accomplished with a measuring head; at given frequency this head is combined with an ideal transformer of ratio N and reactance X , connected in series with the junction impedance Z_d as shown on Fig. 4.

Elements of this circuit are measured according to the procedure described and the resistance and capacity of the junction are calculated from the formulas. Results of the measurements of Ge diodes of the gold-bonded type made at the Institut elektroniki IPPT PAN ✓

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Measurement of parametric diodes ,..

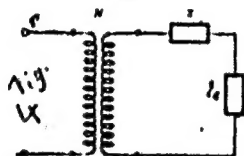
P/019/62/011/001/007/010
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(Institute of Electronics IPPT PAS) are included and compared with those for equivalent American diodes. The advice of Professor Doctor A. Smoliński is acknowledged. There are 7 figures, and 3 non-Soviet-bloc references. The references to the English-language publications read as follows: W.H. Sharples, IRE Trans. on MTT, 1961, no. 1, p. 6; S.T. Eng, W.P. Waters, Proc. NEC, v. XV, 1959, p. 83; K.L. Kotzebue, Stanford University Techn. Report no. 49, November 4, 1958.

ASSOCIATION: Zakład magnetyków (Institute of Magnetic Engineers)

SUBMITTED: September 29, 1961

Fig. 4.



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9.2571

AUTHOR: Krzycki, Z.

TITLE: A medium power resonant ferrite insulator for the
3 cm wavelength

PERIODICAL: Archiwum elektrotechniki, v. 11, no. 1, 1962, 171-172

TEXT: The author describes the construction parameters and the characteristics of a resonant ferrite insulator of Polish make, type IXM-1, for which the frequency characteristics are shown in Fig. 3. Parameters of this insulator are claimed to compare favorable and slightly excel those of an identical type produced by the Rantec Corporation, Calabassas, California - type IX150 and IX251. There are 3 figures and 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: A.G. Fox, S.E. Miller, M.T. Weiss, BSTJ Jan. 1955, p. 5-103; Load isolators, Rantec Corporation, Calabassas, California, Sept. 1959.

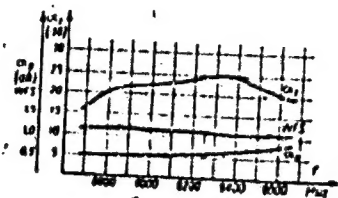
ASSOCIATION: Zakład magnetyków (Institute of Magnetic Engineers)
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A medium power resonant ferrite ...

P/019/62/011/001/005/010
D265/D302

SUBMITTED: July 6, 1961

Fig. 3.



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9.2571

P/019/62/011/OC1/006/010
D265/D302

AUTHOR: Krzycki, Z.

TITLE: Ferrite circulator for the 3 cm frequency band

PERIODICAL: Archiwum elektrotechniki, v. 11, no. 1, 1962, 172-174

TEXT: The author describes a ferrite CX-1 circulator for the 3 cm frequency band, developed by the Pracownia Materiałów Magnetycznych (Magnetic Materials Establishment) of the Polish Academy of Sciences. The construction and the frequency parameters are shown. The centrally positioned rod made of Mn-Mg ferrite is magnetized by the permanent magnet producing a magnetic field perpendicular to plane H. There are 3 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: H.N. Chait, T.R. Curry, Electronics, v. 32, no. 51, p. 81, 1959. ✓

ASSOCIATION: Zakład magnetyków (Institute of Magnetic Engineers)

SUBMITTED: September 29, 1961

Card 1/1

KRZYCKI, Z.

Broad-band ferrite circulator for a 10 cm band. Archiw
elektrotech 12 no. 4: 767-768 '63.

1. Zaklad Magnetykow, Instytut Podstawowych Problemow Techniki,
Polska Akademia Nauk, Warszawa.

KRZYCKI, Z.

Ferrite circulator for a 3 cm, frequency band. Archiw elektrotech
11 no. 1:172-174 '62.

1. Zaklad Magnetykow, Instytut Podstawowych Problemow Techniki,
Polska Akademia Nauk, Warszawa.

KRZYCKI, Z.

Measurements of parametric diodes in a 10 cm;frequency band.
Archiw elektrotech 11 no. 1:174-177 '62.

1. Zaklad Magnetykow, Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

KRZYCKI, Z.

Medium power resonance ferrite insulator for a 3 cm, wave band.
Archiw elektrotech 11 no. 1:171-172 '62.

1. Zaklad Magnetykow, Instytut Podstawowych Problemow Techniki,
Polska Akademia Nauk, Warszawa.

L 30708-66 EWP(t)/ETI IJP(c) JD/HM

ACC NR: AP5028967

SOURCE CODE: FO/0053/65/000/008/0365/0371

AUTHOR: Krzycki, Zenon; Smolinski, Adam

11
B

ORG: none

TITLE: Recent development in research on microwave ferrite components in Poland

SOURCE: Przegląd elektroniki, no. 8, 1965, 365-371

TOPIC TAGS: microwave component, ferrite, resonance line, ferromagnetic resonance, measurement, nonlinear effect

ABSTRACT: This paper concerns the development of microwave ferrite components in Poland since 1954. The research on nickel-copper-cobalt and nickel-copper-zinc ferrites with narrow resonance lines carried out by Dr. R. Wadas is mentioned, and the measurement of ferromagnetic resonance by the Zenon Krzycki method is described. The characteristics of 17 microwave ferrite components designed and manufactured in Poland are given. The assumption is made that future research in Poland will concentrate on developing millimeter band components in the microwave range, on improving the assortment of components, and on utilizing the nonlinear phenomena in ferrites. This paper was read at the Ninth Yugoslav Conference ETAN, held in Bled in Nov. 12-14, 1964. Orig. art. has: 7 fig., 1 table, and 2 formulas.

SUB CODE: 17,20 / SUBM DATE: none / ORIG REF: 000 / OTH REF: 038

UDC: 621.318:621.396.96

Card 1/1 LS

KRZYK, W.

Exhibition of machine tools in Prague. Mechanik 35 no.2:90-91 '62.

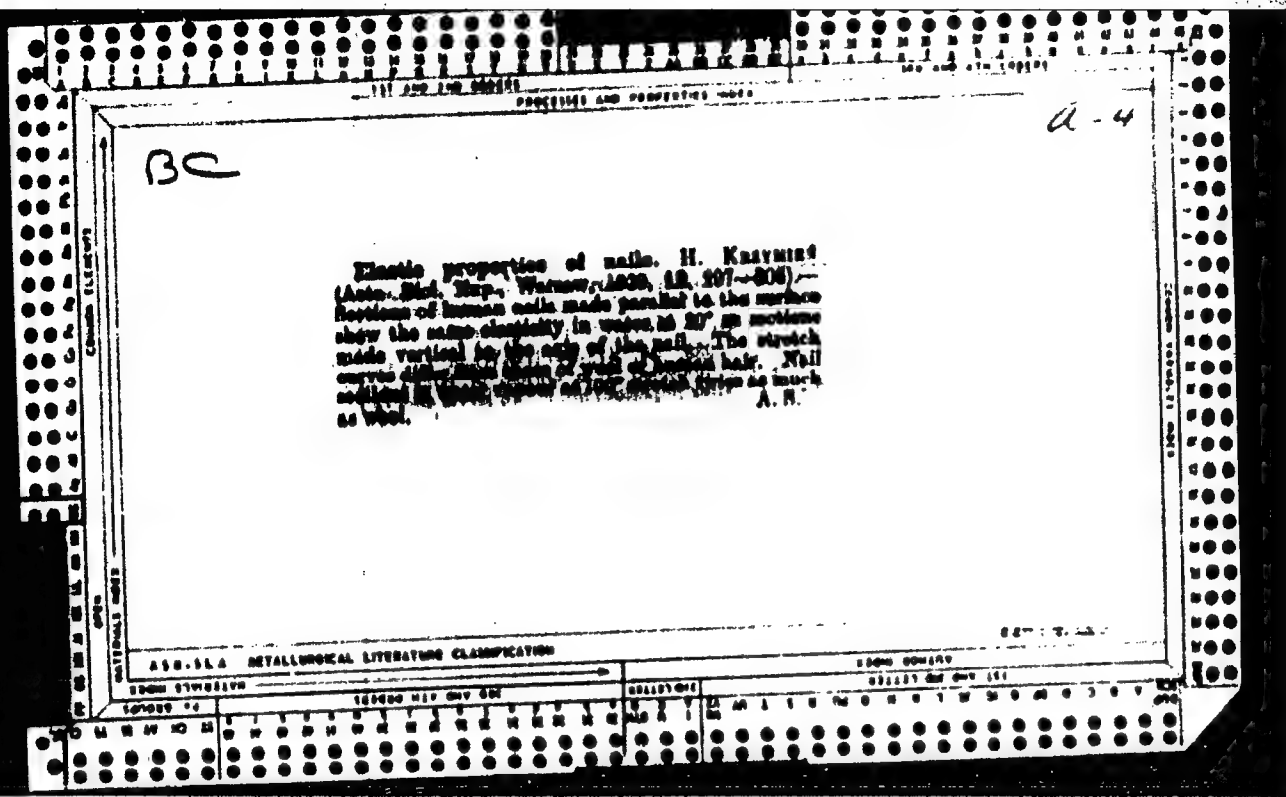
KRZYK, W.

Mechanical knockouts used in the design of dies. Mechanik 35
no.7:385-387 J1 '62.

KRZYK, W.

Replaceable fixing jaws to be applied in grinding small objects.
Mechanik 35 no.11:627 N '62.

✓ Chemical examination of *Crambe abyssinica* seeds, oil, and seed cake. Jan Kizymanski. Roczniki Nauk Rolniczych Ser. A, 69, 541-542 (1964). — *C. abyssinica* seed without the seed coat had a higher fat content than either spring or winter rape. The organoleptic properties of *C. abyssinica* seed oil were also better. The oil differed in chem. properties but slightly from rapeseed oil. The seed cake obtained from husked seeds contained up to 10% protein and was suggested as a possible feed concentrate. The seed cake contained a small amt. of mustard oils and could, therefore, be fed without any limitations. Ernest G. Jaworski



KRZYMIEN, H.

Hypoglycemia and neuroses. Polski tygod. lek. 6 no. 45-46:1506-
1510 12 Nov. 1951. (CML 21:3)

1. Of the First Clinic of Internal Diseases (Director--Prof. Stefan Kwasniewski, M. D.) of Poznan Medical Academy.

KRZYMIEN, H.

Zniniewicz's hydrotherapy. Polski tygod. lek. 8 no.12:460-463;contd.
23 Mar 1953. (CLML 24:5)

1. Of the First Internal Clinic (Head--Prof. Stefan Kwasniewski, M.D.)
of Poznan Medical Academy.

KRZYMIEN, H.

Zniniewicz balneotherapy. Polski tygod. lek. 8 no.13:500-502; concl.
30 Mar 1953. (CLML 2415)

1. Of the First Internal Clinic (Head--Prof. Stefan Kwasniewski, M.D.)
of Poznan Medical Academy.

KRZYMIEN, Henryk

Severe forms of rheumatism. Polski tygod. lek. 9 no.10:292-296
8 Mar 54.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik: prof.
dr Stefan Kwasniewski.
(RHEUMATIC HEART DISEASE,
case reports)

POLAND/General Problems of Pathology. Pathophysiology of
Infection.

U

Abs Jour: RefZhur-Biol., No 8, 1958, 37096.

Author : Krzymien, H.

Inst :

Title : The Effect of the Adrenocorticotrophic Hormone on the
Course of Streptococcal Infection.

Orig Pub: Postepy reumatol. 1956, 2, 28-34.

Abstract: Rabbits were given intravenous injection of 0.25 ml
emulsion of a 24 hour bouillon culture of strepto-
coccus type A-1. ACTH, given on the 10th day, alle-
viated the pathological manifestations and the inflam-
matory disease of the joints. Daily administration
of 10 mg of ACTH for 10 days following the infection

Card : 1/2

Infection.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37096.

was less effective. A single injection of 30 mg of ACTH 2½ hours before the injection failed to change the course of the infection.

1. Z I Kliniki Chorob Wewnętrznych
a. M. w Poznaniu Kierownik:
prof. dr S. Kwasniewski

Card : 2/2

150

~~KRZYMIEN, Henryk~~

ACTH and anaphylactic shock. Polski tygod. lek. 11 no.31:
1361-1362 30 July 56.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik:
prof. dr. Stefan Kwasniewski. Poznan, ul. Długa 1/2 I Klin. Chor.
Wewn.

(ALLERGY, experimental,
eff. of ACTH on anaphylactic shock in rabbits (Pol))

(ACTH, effects,
on exper. anaphylactic shock in rabbits (Pol))

KRZYMIEN, Henryk

Effect of cortisone on phagocytosis and hemolysis in vitro. Polski tygod. lek. 11 no.47:1981-1983 19 Nov 56.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; Kierownik: prof. dr. S. Kwasniewski, Poznan, ul. Długa 1/2 I kliniki Chorob Wewn. A.M.

(CORTISONE, effects,
on hemolysis & phagocytosis in vitro (Pol))
(PHAGOCYTOSIS, effect of drugs on,
cortisone, in vitro (Pol))
(HEMOLYSIS, effect of drugs on,
same)

EXCERPTA MEDICA Soc.6 Vol.11/2 Internal Med. Feb.57
KRZYMIEN H.

1374. KRZYMIEN H. I. Klin. Chorób Wewnętrznych A. M., Poznań. *ACTH a wstrząs anafilaktyczny. ACTH and anaphylactic shock POL. TYG. LEK. 1956, 11/31 (1361-1362)

Preserved human blood was administered i.v. in 16 rabbits (of \pm 2 kg.), 10 ml. per kg. body weight. After 4 weeks 8 of them received 100 mg. ACTH i.v. Three hours afterwards 6 ml. of human blood was given i.v. to all the rabbits. The 8 controls died from anaphylactic shock. Of those with ACTH only one succumbed, one had a severe shock and 6 had only mild symptoms.

Visser - Amsterdam (VI, 2)

KRZYMIEN, Henryk

Essay of transfer of rheumatic disease to animals. Polskie
arch. med. wewn. 26 no.5:751-758 1956.

1. Z I Klin. Chorob Wewn. A.M. w Poznaniu Kier. prof. dr. med.
S. Kwasniewski, Poznan, ul. Długa 1.
(ARTHRITIS, RHEUMATOID, experimental,
(Pol))

~~Henryk Krzymien~~
KRZYMIEN, Henryk

Rheumatoid arthritis and jaundice. Postepy reumat. no.3:167-174 1957.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu. Kierownik: prof.
dr. Stefan Kwasniewski.

(ARTHRITIS, RHEUMATOID, compl.
jaundice (Pol))

(JAUNDICE, compl.
rheum. arthritis (Pol))

KRZYMIEN, Henryk (Poznań, ul. Długa 1/2. i Klinika Chorob Wewn.

Hemostatic effect of human milk, Polski tygod. lek. 12 no.22:824-826
27 May 57.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu; kierownik: prof.
dr. med. S. Kwasniewski.

(MILK, HUMAN, effects,
hemostatic (Pol))

(HEMOSTATIC,
hemostatic eff. of human milk (Pol))

KRZYMIEN, Henryk (Poznan, ul. Kniewskiego 1.)

Agglutination of yeasts in human serum. Polski tygod. lek. 12 no.51:
1961-1963 23 Dec 57.

1. (Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu; kierownik: prof.
dr S. Kwasniewski).

(YEASTS,

agglut. by sera from normal & cancer patients (Pol))

(AGGLUTINATION,

of yeasts by sera from normal & cancer patients (Pol))

(NEOPLASMS; blood in,

agglut. of yeasts by sera from normal & cancer patients (Pol))

KRZYMIEN, Henryk

Attempt to induce rheumatic lesions in animals. Polskie arch. med.
wewn. 27 no.12:1649-1656 1957.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu. Kierownik: prof.
S. Kwiatkowski.

(RHEUMATIC FEVER, exper.

attempted induction by streptoc. infect. in rabbits (Pol))

(STREPTOCOCCAL INFECTIONS, exper.

attempted induction of rheum. lesions in rabbits (Pol))

POLAND / Human and Animal Morphology (Normal and Patho- S-5
logical). Blood-Vascular System. Heart.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79111.

Author : Krzymien, Henryk.

Inst : Not given.

Title : An Attempt to Cause Rheumatic Changes in An-
imals.

Orig Pub: Polskie arch. med. wewnetrz., 1957, 27, No 12,
1649-1656.

Abstract: Twenty rabbits were intervenously injected with
0.2 ml of an emulsion of streptococcus of A1
type from a 24-hour culture. In 14 days, 2 ml
of the blood of a man ill with rheumatism was
injected into 10 animals; the remaining 10 an-
imals were controls. In 5 months, all the rab-
bits were dead. In 4 of the experimental an-

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POLAND / Human and Animal Morphology (Normal and Patho- S-5
logical). Blood-Vascular System. Heart.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79111.

Abstract: imals an inflammatory reaction of the connec-
tive tissue of the stroma of the myocardium
was noted, with the growth of the intercellu-
lar substance, a decline of the fibro - and
histiocytes, and with damage of the muscle
fibers. In one rabbit, an inflammatory focus
of the media of the aorta was noted. In the
control animals, similar changes were not found.
In the experimental rabbits, in addition, a
more frequent and profuse round-cell infiltra-
tion of the myocardium was observed.

Card 2/2

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4162. AN ATTEMPT TO CREATE AN EXPERIMENTAL 'MODEL OF CHILLING' -
 Próba stworzenia doświadczalnego 'modelu przeziębienia' - Krzymień H.
 I Klin. Chor. Wewn., A.M., Poznań - POL. ARCH. MED. WEWNĘT. 1958, 28/II
 (1441-1447) illus. 4

The nature of the phenomenon of 'cold' or 'chilling' is not yet well understood; it is assumed to occur in the organism with a disorder of thermoregulation. 'Chilling' in man is usually the result of a relatively rapid cooling, preceded by a dilatation of the cutaneous vessels and a dehydration due to evaporation and sweating. To create similar conditions in rabbits, the animals were given pilocarpine (0.02 mg./kg. s.c.) and after a lapse of 30 min. they were transferred from an environment at 25°C. to a cold room at +4°C. The object of this was to induce dilatation of the blood vessels, especially in the skin, and dehydration. The experiments were performed during the summer. Five rabbits were subjected once each to pilocarpine and low-temperature treatment; 5 others underwent this experiment twice, with an interval of one week; 5 controls were kept for 3 hr. in the cold room only and 5 other controls received pilocarpine only. After 3 months all rabbits were killed and their kidneys examined histologically. In the rabbits subjected to pilocarpine plus cold, lesions of the collecting tubules and papillary ducts (ducts of Bellini) were found, in addition to hyperplasia of the interstitial tissue. These lesions were especially marked in the kidneys of rabbits which had twice undergone the action of pilocarpine + cold. No such lesions were seen in the kidneys of control rabbits.

~~KRZYMIEN~~, Henryk (Poznan, ul. Długa 1/2. I Klin. Chor. Wewn. A.M.)

Antygenst agglutinins. Polski tygod. lek. 13 no.40:1533-1535 6 Oct 58.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu; kierownik: prof. dr
Stefan Kwasniewski.

(ANTIBODIES

antigenst agglutinins (Pol))

(YEASTS

same)

POLAND / Human and Animal Physiology. Blood.

T-3

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3294

Author : Krzymien, H.

Inst : ~~Not given~~

Title : Hemostatic Effect of Milk

Orig Pub : Polski tygod. lekar., 1957, 12, No 22, 824-826

Abstract : No abstract given

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20

KRZYMIEN, Henryk

Effect of blood serum on fermentation action of yeast. Polski
tygod. lek. 14 no.20:907-909 18 May 59.

1. (Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik prof. dr.
Stefan Kwasniewski).

(BLOOD

eff. on fermentative action of yeasts (Pol))

(FERMENTATION

eff. of blood on fermentative action of yeasts (Pol))

(YEASTS,

eff. of blood on fermentative action (Pol))

KRZYMIEN, Henryk

Contribution to the problem of the effect of tobacco smoking on the appearance of lung cancer. Polski tygod. lek. 14 no.47:2064-2067
16 Nov.59

1. (Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu; kierownik: prof. dr Stefan Kwasniewski)
(LUNGS, neopl.) (SMOKING, eff. inj.)

KRZYMIHN, Henryk

Factor "Z" in the blood serum. Polski tygod. lek. 14 no.48:2097-2099
30 Nov 59.

1. Z I Kliniki Chorob Wewnętrznych W. M. w Poznaniu; kierownik prof. dr
S. Kwasniewski).

(BLOOD) (YEASTS) (CARBON DIOXIDE)
(CATALYSIS)

KRZYMIENI, Henryk

Effect of salicylate compounds on glucose metabolism. Polskie arch.
med. wewn. 29 no.7:909-918 1959.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik: prof.
dr med. S. Kwasniewski..

- (BLOOD SUGAR, pharmacol.) (SALICYLATES, pharmacol.)

KRZYMIEN, Henryk

Anti-rheumatic drugs and glucose metabolism. Polskie arch.med.wewn. 29 no.11: 1515-1520 '59.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik: prof.dr. med. S. Kwasniewski.

(RHEUMATISM ther.)
(GLUCOSE metab.)

KRZYMIEN, Henryk

Factor "Z" in urine. Polski tygod.lek. 15 no.13:457-459 28 Mr.
'60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu; kierownik
prof.dr Stefan Kwęśniewski.
(URINE)

KRZYMIEN, Henryk

Renal changes under the influence of experimental common cold in rabbits. Polskie arch.med.wewn. 30 no.9:1173-1178 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr med. S.Kwasniewski
(KIDNEYS physiol)
(COMMON COLD exper)

KRZYMIEN, Henryk

Renal lesions in rabbits under the influence of experimental chilling. Acta medica polona 2 no.1:65-68 '61.

1. I Clinic of Internal Diseases, Medical Academy, Poznan. Director:
Prof. Dr. S.Kwasniewski.
(KIDNEY DISEASES exper) (COLD)

KRZYMIEN, Henryk

Effect of hydrocortisone on serum agglutination properties. Polski tygod. lek. 16 no.41:1561-1562 9 0 '61.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Poznaniu; kierownik: prof. dr Stefan Kwasniewski.
(HYDROCORTISONE pharmacol) (HEMAGGLUTINATION pharmacol)

KRZYMIEN, Henryk; WOLSKA, Emilia

Contribution to the study of the mechanism of carcinogenic effect of asbestos. Polskie arch. med. wewn. 31 no.5:663-666 '61.

1. Z I Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.
dr med. S. Kwasniewski.

(CARCINOGENS) (SILICA toxicol)

KRZYMIEN, Henryk; WOLSKA, Emilia

Studies on the effect of sera on bio-catalytic properties of cigarette ashes. Pol. arch. med. wewn. 32 no.1:45-48 '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.
dr med. S. Kwasniewski.

(SMOKING) (BLOOD)

KAZIMIERZ, Henryk; JOLSKA, Emilia

Hydrocortisone and glucose decomposition activators. Polskie arch.
med. wewn. 32 no.4:331-335 '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.
dr med. S.Kwasniewski.
(HYDROCORTISONE pharmacol) (CARBOHYDRATES metab)

KRZYMIEŃ, Henryk; ROKIŃSKI, Bogusław

Combined effects of adrenocortical hormones and liver extracts on glycolysis. Pol. arch. med. wewnet. 34 no.8:997-999 '64.

1. Z Łącznicy Ministerstwa Zdrowia i Opieki Społecznej (Dyrektor i ordynator Oddziału Wewnętrznej: doc. dr. med. H. Krzymień).

KRZYMIEŃ, Henryk, doc. dr. med.; RODKIEWICZ, Bogusław

Effect of antostatic drugs on glucose metabolism. Pol. arch.
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(Dyrektor i ordynator Oddziału Wewnętrznej: doc. dr. med.
H. Krzymień).

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S/194/62/000/012/082/101
D413/D308

AUTHORS: Chyżyński, Krysztof and Krzyński, Albin

TITLE: A television signal generator

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1962, 40, abstract 12-7-79 k (Pol. pat., cl.
21a¹, 35/21, no. 44355, Oct. 10, 1961)

TEXT: The patent covers a generator of TV signals for the repair and tuning of television sets. The generator develops a complete TV signal of positive and negative polarity, an RF signal in the band 49 - 75 and 175 - 225 Mc/s modulated by vision and sound signals, and also voltages at frequencies of 100 c/s and 6.5 (5.5) Mc/s. For the picture one may use vertical or horizontal bars, or a lattice. Independent supply of vision and sound signals is possible. Features of the generator are the use of a ganged variable capacitor and an adjustable potentiometer divider allowing one to continuously vary the amplitude of the RF voltage, potentiometers for adjusting the voltage of the complete TV signal, quartz crystal

Card 1/2

A television signal generator

S/194/62/000/012/082/101
D413/D308

stabilization of the 6.5 (5.5) Mc/s frequency, and band switches designed so that turning the tuning knob through 180° actuates a cam fitted on the variable capacitor shaft and automatically switches over the contacts. [Abstracter's note: Complete translation.] ✓

Card 2/2

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ROZDZIAŁ 1. Synchronous self-excited oscillators. - 102. Vol. 15, no. 6, June 1956. WIAŁOMOSCI ELEKTROTECHNICZNE. Warszawa, Poland.

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causing diarrhea (Pol))

(SHIGELLA, infections,
causing diarrhea in child. (Pol))

(DIARRHEA, in infant and child,
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i z Kliniki Chorob Dzieci A.M.G. Kierownik: prof. dr. H. Brokman.
(SALMONELLA INFECTIONS, in inf. & child
S. typhimurium infect., serol. reactions in diag. (Pol))

KRZYMOWSKI, T.; KRZYMOWSKA, H.

Neural and humoral regulation of hemopoietic processes in animals. II. Studies on erythropoietic factor obtained from serum in experimental anemia in sheep. Acta physiol. polon. 10 no.3:349-363 May-June 59

1. Z Katedry Fizjologii Zwierząt Szkoły Głównej Gospodarstwa Wiejskiego i Laboratorium Fizjologii na terenie Ogrodu Zoologicznego w Warszawie Kierownik: prof. dr B. Gutowski.
(ANEMIA, exper.) (ERYTHROCYTES)
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(IRON radioactive)

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(BONE MARROW, anatomy and histology,
cytochem. in animals)

(BLOOD, cytochem. in animals)

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(SOMATOTROPIN, eff.

on hyperglycemia & growth in chickens (Pol))

(GROWTH, eff. of drugs on

somatotropin in chickens (Pol))

(HYPERGLYCEMIA, exper.

eff. of somatotropin in chickens (Pol))

EXCERPTA MEDICA Sec.2 Vol.10/9 Phy.Biochem. Sept 57

3949. KRZYMOWSKI T. and MALINOWSKI W. Kat. Fizjol. Zwierzgł Wydziału Weterynaryjnego Szkoły Głównej Gospodarstwa Wiejskiego, Warszawa. *Prosty sposób przyżyciowego pobierania szpiku od kur. Simple method of collecting the bone marrow from live hens ACTA PHYSIOL. POL. 1956, 7/4 (495-498) Illus. 3

The bone marrow is collected from the medial side of the proximal end of the ulna. The hen is placed on its back. The needle with the mandrin is inserted between the flexor carpi ulnaris and pronator brevis muscles 1.5-2 cm. away from the ulnar process of the ulnar bone. Forceful pressure punctures the thin layer of compact bone tissue. The moment when the needle enters the bone marrow cavity is distinctly felt. After withdrawal of the mandrin and attachment of the syringe to the needle, the piston of the syringe is withdrawn until the first drop of bone marrow substance appears. The collected substance is deposited on a clean, degreased slide.

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(BLOOD,

morphol. & chem. in deer *Cervus elaphus* (Pol))

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(SOMATOTROPIN, effects,
on chick embryo develop. (Pol))

POLAND/Farm Animals. Domestic Fowls.

Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16836.

Author : Krzyszowski Tadeusz, Malinowski Wojciech

Inst :

Title : A Simple Method of Extracting Bone Marrow From
Live Chicken
(Prostoy sposob prizhiznennogo dobyvaniya kostnogo
mozga u kur)

Orig Pub: Acta physiol. polon., 1956, 7, No 4, 495-498.

Abstract: No abstract.

Card : 1/1

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Neural and humoral regulation of hemopoietic processes in animals. II. Studies on erythropoietic factor obtained from serum in experimental anemia in sheep. Acta physiol. polon. 10 no.3:349-363 May-June 59

1. Z Katedry Fizjologii Zwierząt Szkoły Głównej Gospodarstwa Wiejskiego i Laboratorium Fizjologii na terenie Ogrodu Zoologicznego w Warszawie Kierownik: prof. dr B. Gutowski,
(ANEMIA, exper.) (ERYTHROCYTES)
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Kierownik: dr T.Krzynowski,
(ERYTHROCYTES)
(HEMATOPOIESIS)
(IRON radioactive)

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Humoral regulation of the erythropoiesis in the light of our studies. Acta physiol.polon. 11 no.5/6:795-797 '60.

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dr. T.Krzyszowski.

(ERYTHROCYTES)

(HEMATOPOIESIS)

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dr T.Krzyszowski.

(POLYCYTHEMIA exper)

(ERYTHROCYTES)

(HEMATOPOIESIS)

(NEPHRECTOMY exper)

KRZYMOWSKI, Tadeusz; KRZYMOWSKA, Halina

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Uncl.